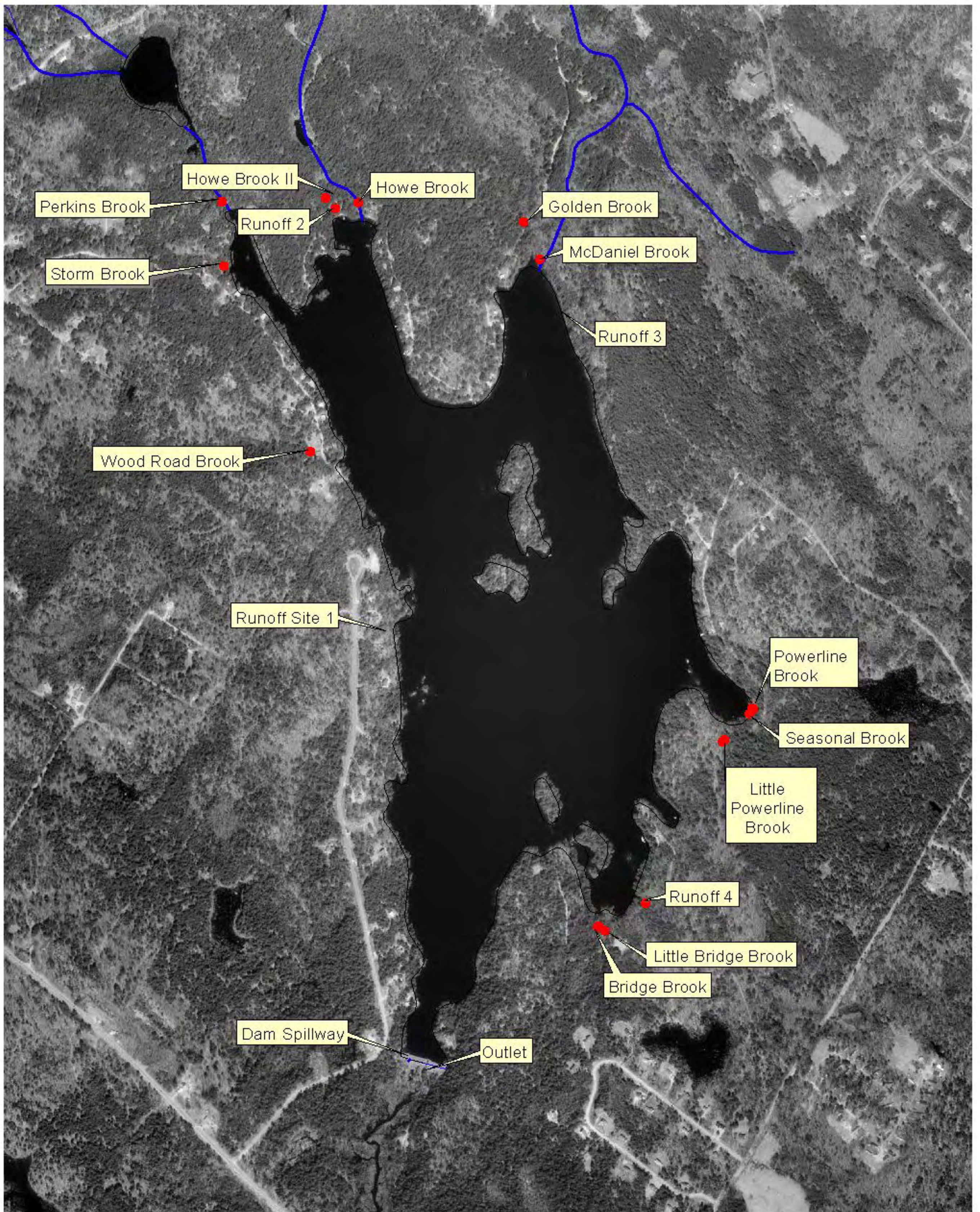
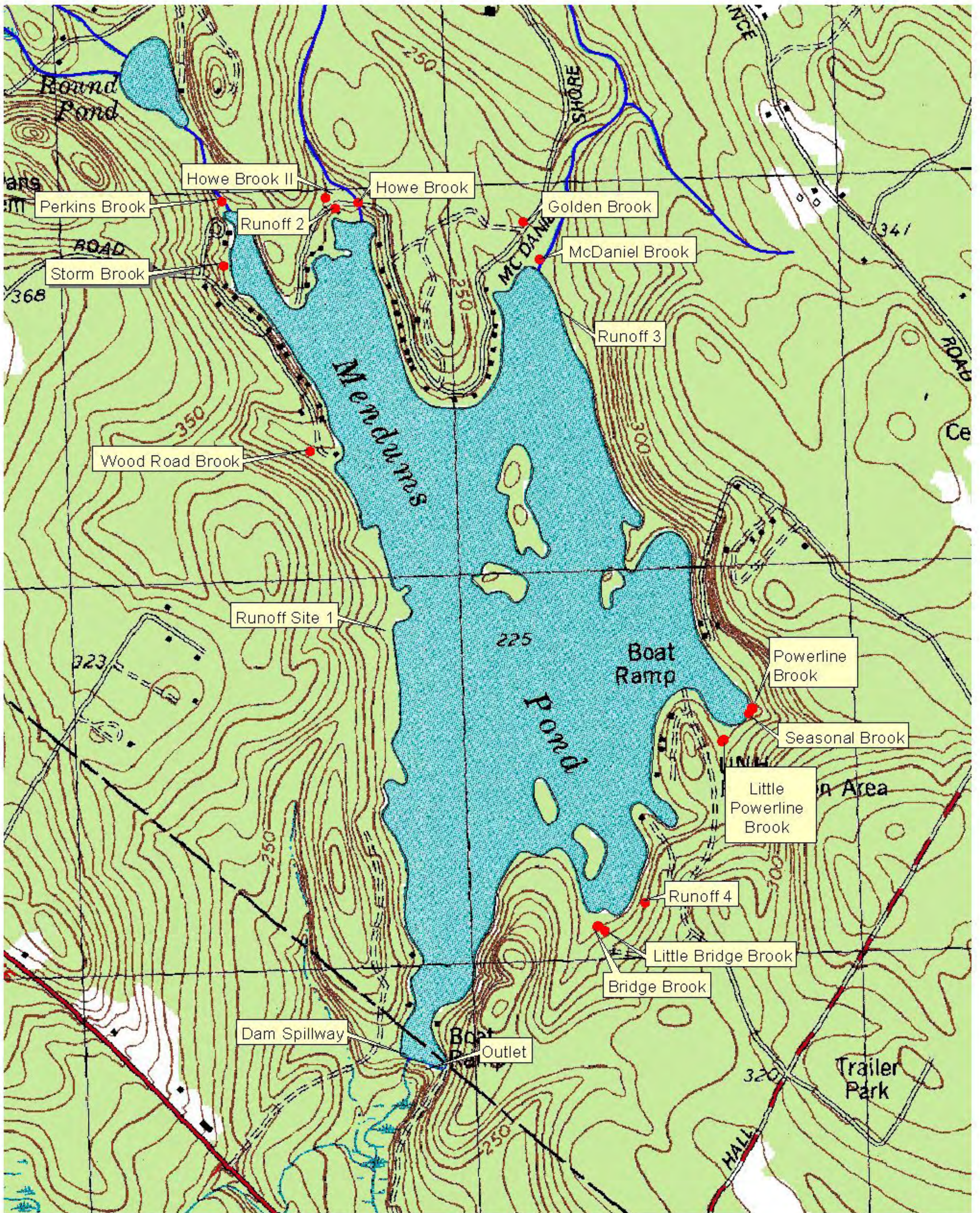


**Appendix F**  
**Mendums Pond Watershed Assessment Project**  
**Maps and Historical Maps**









0 0.25 0.5 Miles

A horizontal scale bar with markings for 0, 0.25, and 0.5 miles.



# MENDUMS POND WATERSHED: BASE MAP FEATURES

- Lamprey River watershed boundary
- Mendum Pond watershed boundary
- Subwatershed boundaries
- Shoreline or perennial stream
- Intermittent stream or inlet stream not shown on USGS map
- Municipal boundary

- Water body
- Wetland

351.6 Acreage of subwatershed

SCALE: 1 in. = 1500 ft



Data sources:

Watershed divides compiled and digitized at Water Resources Program, DES,  
and at Office of State Planning; source scale 1:24,000.  
All other features from USGS Digital Line Graph data, source scale 1:24,000.

NEW HAMPSHIRE

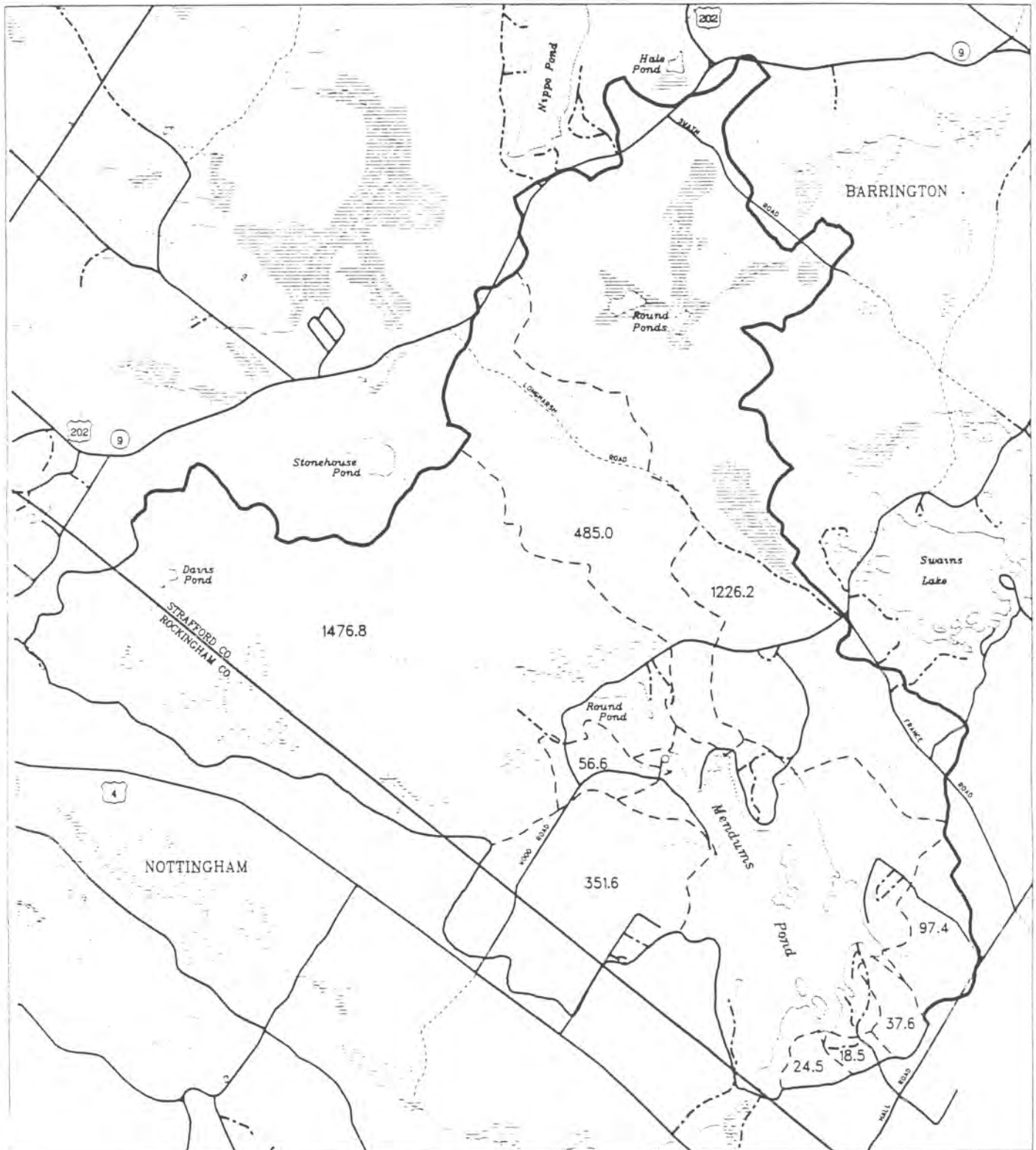
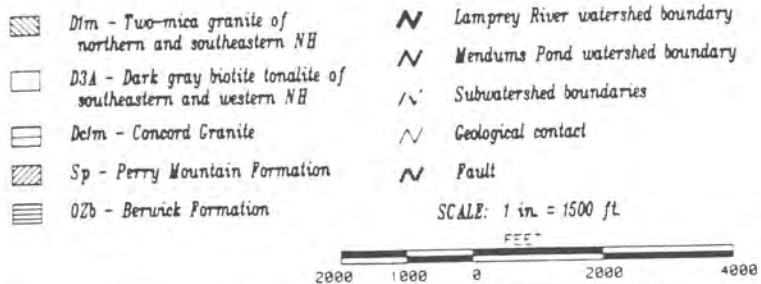


Figure III-2

Prepared at New Hampshire Office of State Planning, January 1992

# MENDUMS POND WATERSHED: BEDROCK GEOLOGY



Data sources:  
 Geology - from Interim Geologic Map of New Hampshire, 1981, source scale 1:250,000.  
 Watershed divides compiled and digitized at Water Resources Division, DES, and at Office of State Planning; source scale 1:24,000.  
 All other features from USGS Digital Line Graph data, source scale 1:24,000.

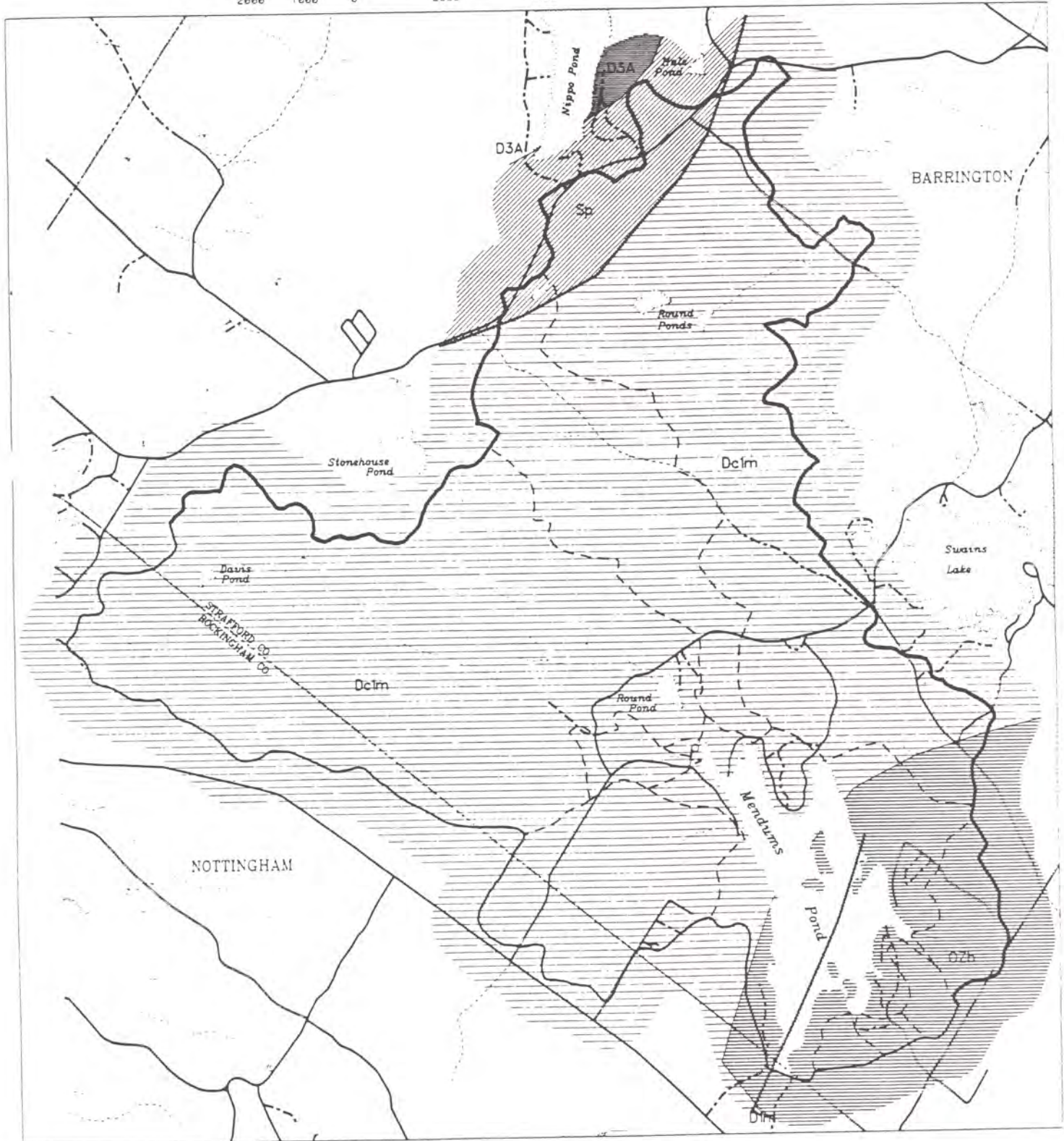


Figure III-3

Prepared at New Hampshire Office of State Planning, January 1992



# MENDUMS POND WATERSHED: SOILS

## Limitations for maple systems:

- Severe - wetness (ponding or high water table)
- Severe - wetness at 20" or less
- Severe - slope
- Severe - slow permeation
- Severe - poor filter
- Moderate - extensive large stones
- Moderate - slope
- Slight - poor filter
- Slight

## Soils source:

Soils - 1) Strafford Co. soil survey (SCS), published 1973, and  
2) unpublished Nottingham Co. soil survey (SCS). Both digitized  
at 1:24,000 at Complex Systems Research Center, Durham, N.H.  
NOTE: soil units will not necessarily agree across the county  
boundary. Both the wetness and the definition of the wetness vary.  
Federal divides wetness and digitized at Federal Information Systems, SCS,  
and at Office of State Planning; source scale 1:24,000.  
All other features from USGS Topographic maps, source scale 1:24,000.

SCALE: 1 in. = 1500 ft

FEET  
2000 1000 0 2000 4000



NEW HAMPSHIRE

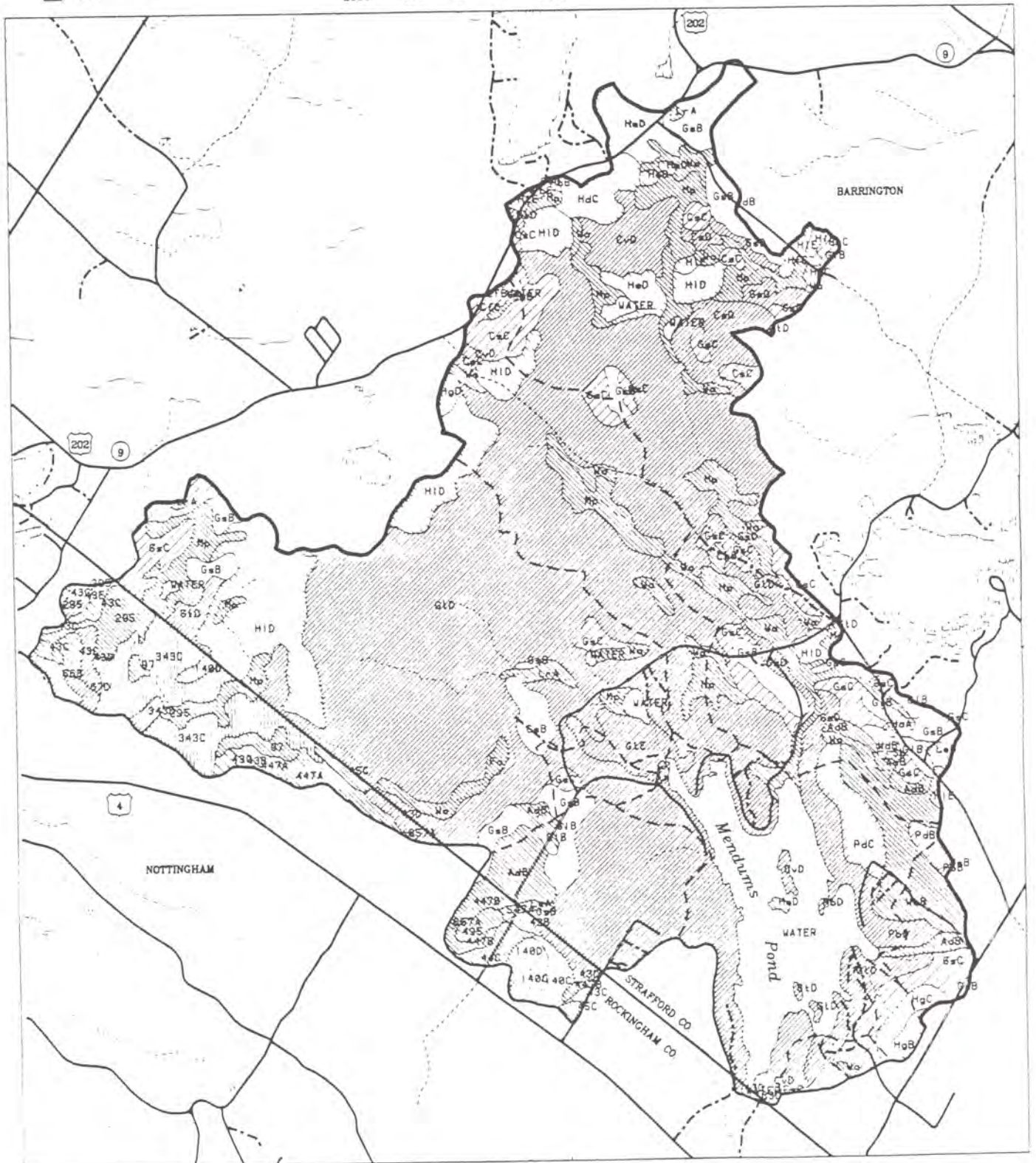


Figure III-4

Prepared at New Hampshire Office of State Planning, January 1992

# Mendums Pond

Barrington

Rough Bathymetric Chart  
WSPCD - 1987  
sounded by fathometer

10 ft. isobaths

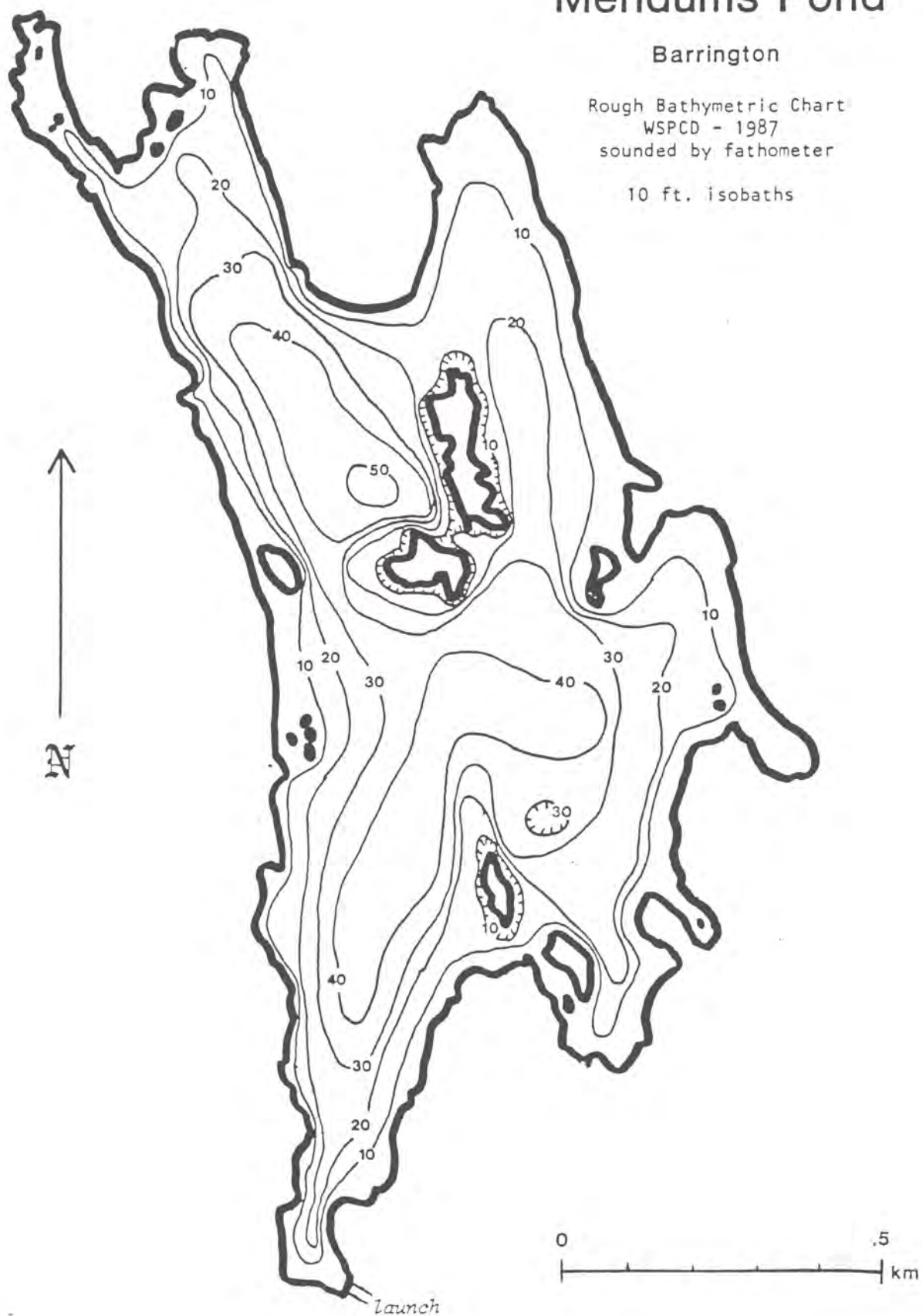


Figure III-1 Mendums Pond Bathymetric Map

III-2

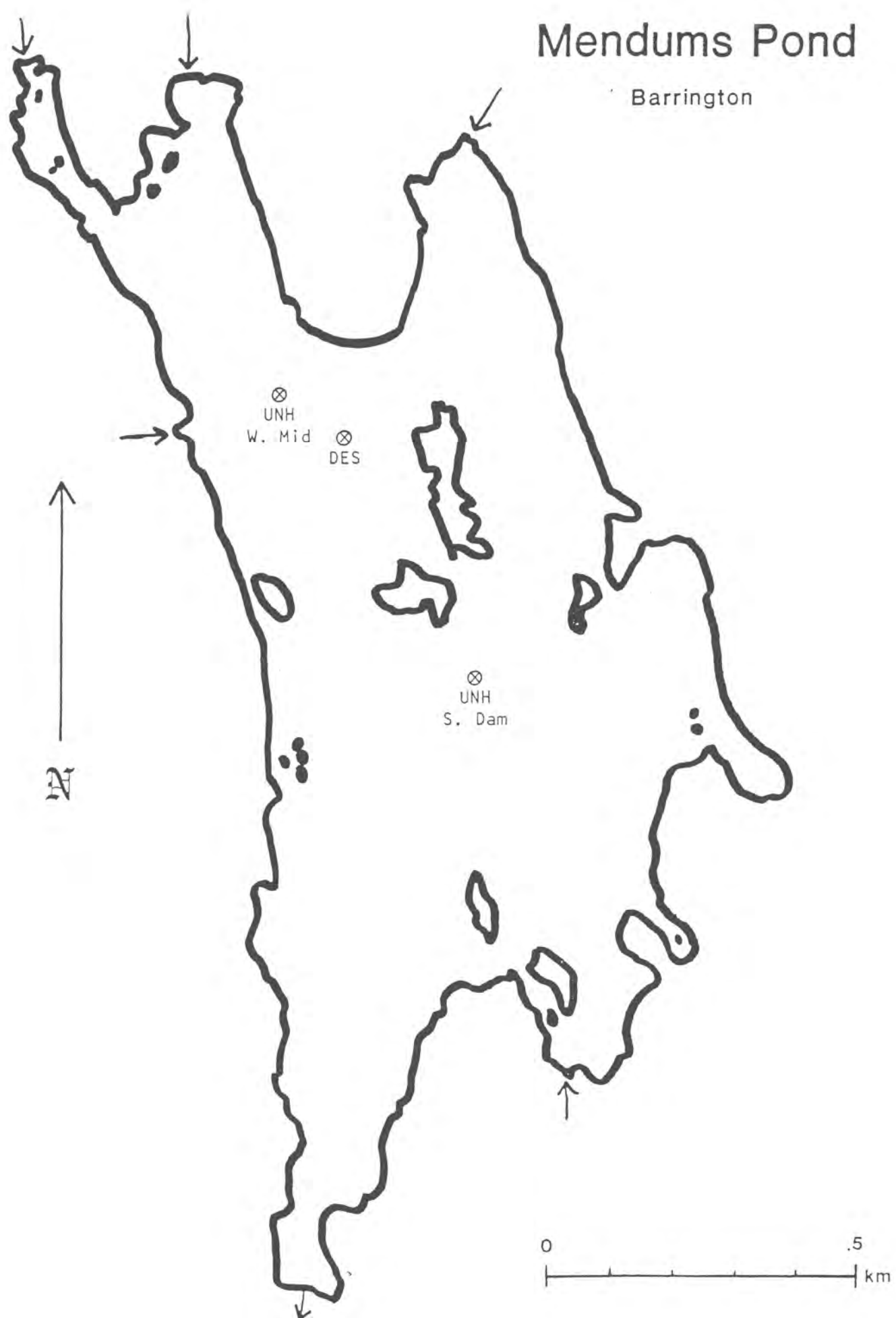


Figure 11-2. DES and UNH In-Lake Sample Stations.



# Mendums Pond

## Current Land Use

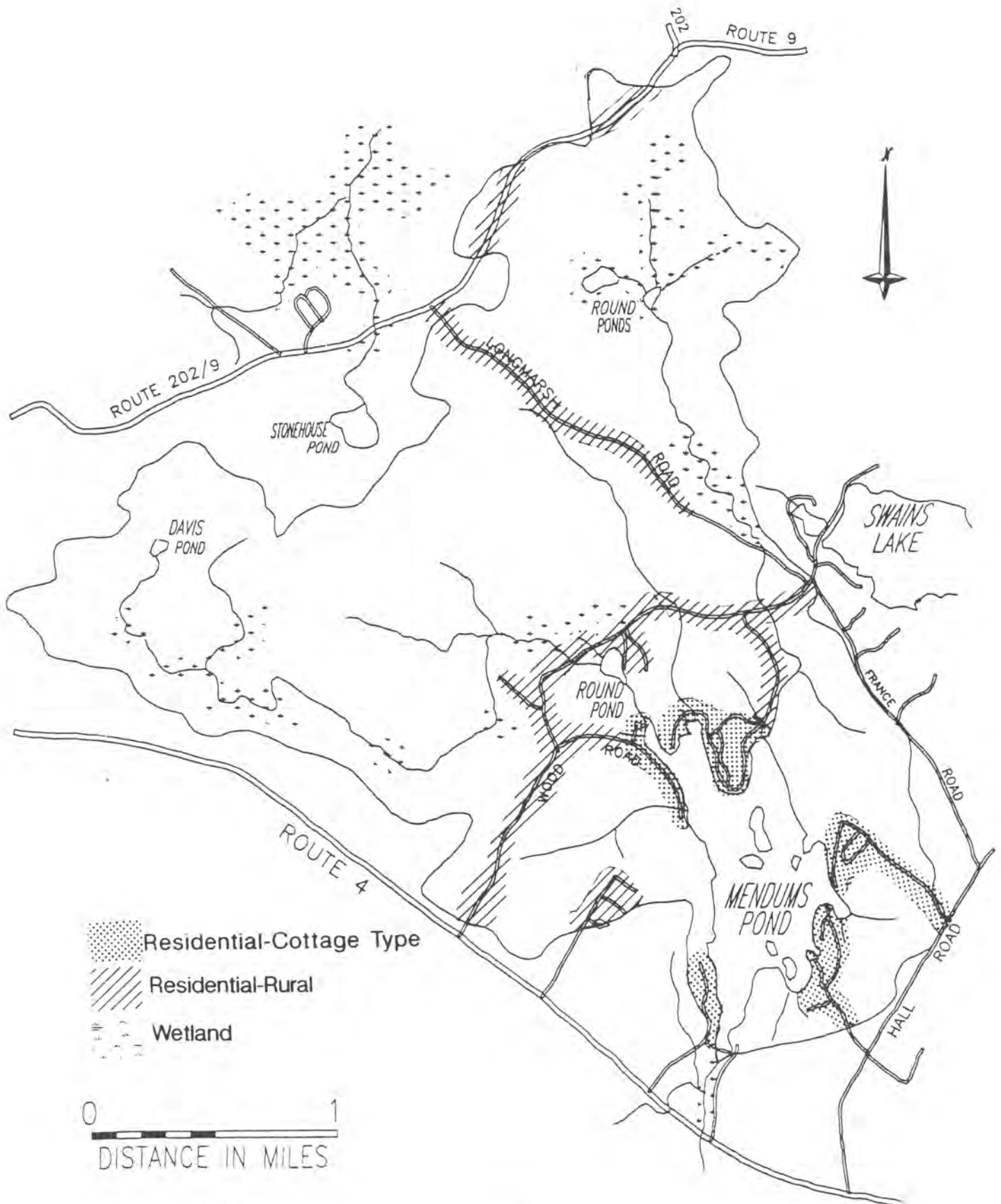


Figure III-5



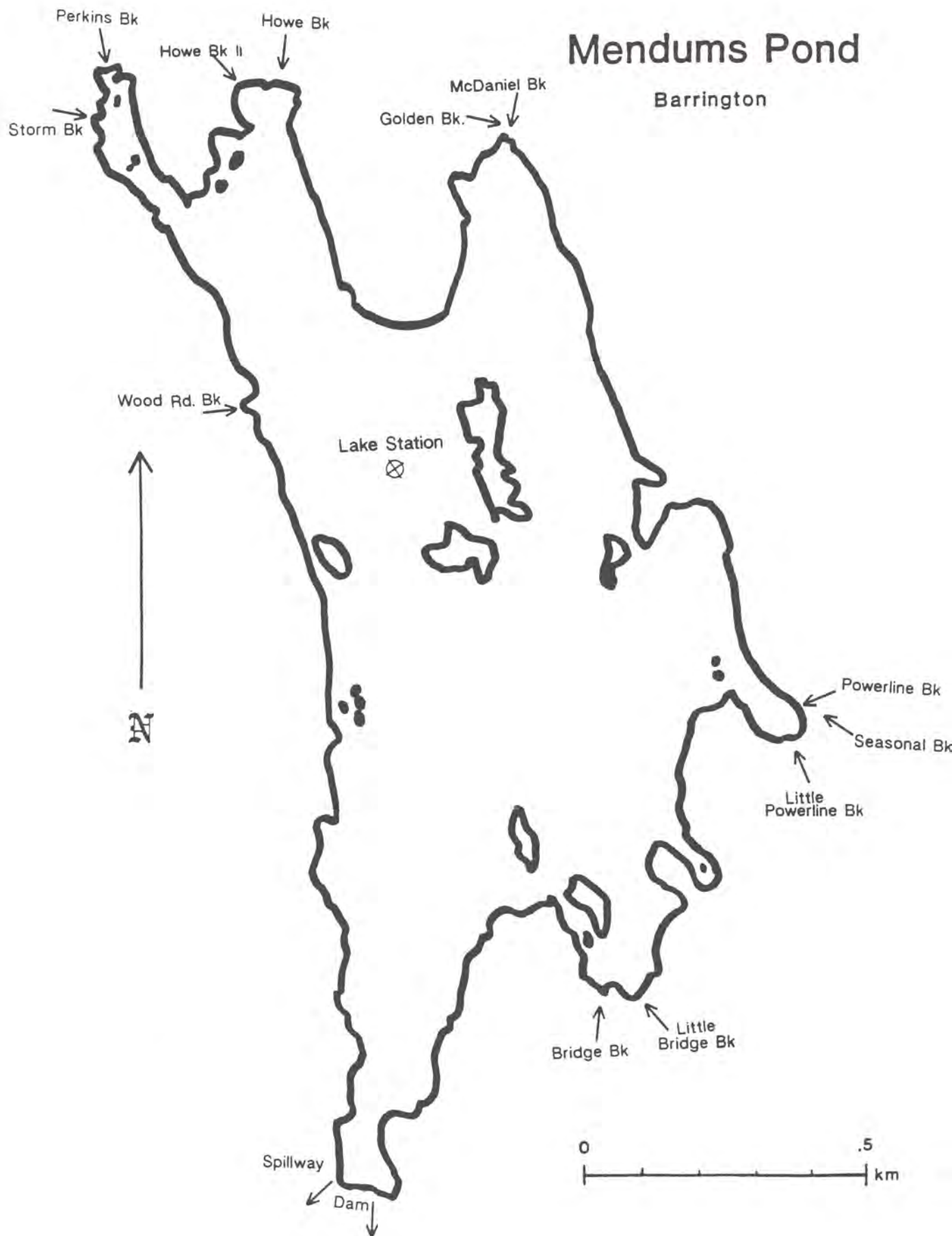


Figure IV-1 Sampling Station Locations



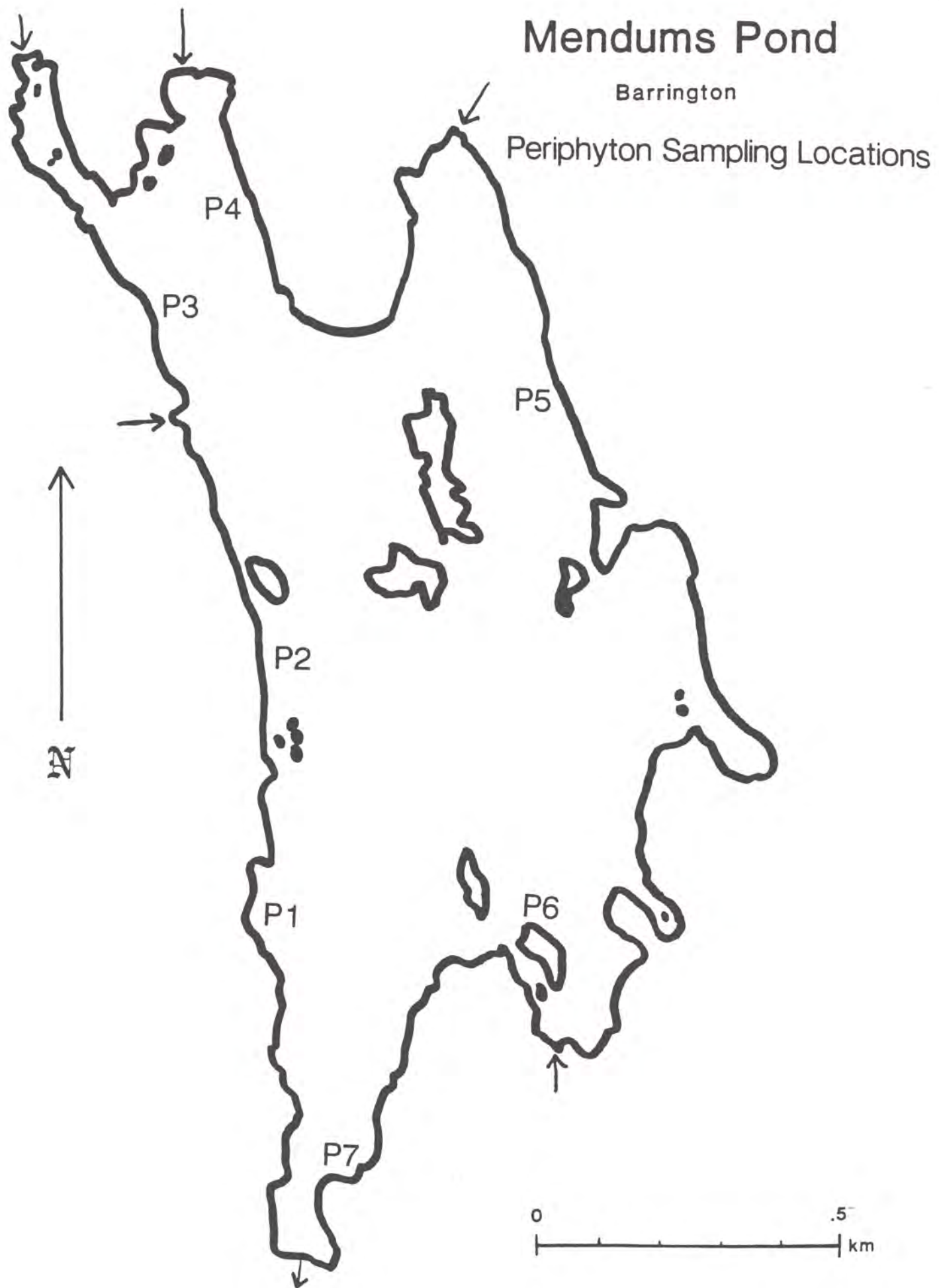


Figure VI-1 Periphyton Sample Locations  
VI-6



# Mendums Pond

Barrington

AQUATIC PLANTS  
8 JUL. 1987

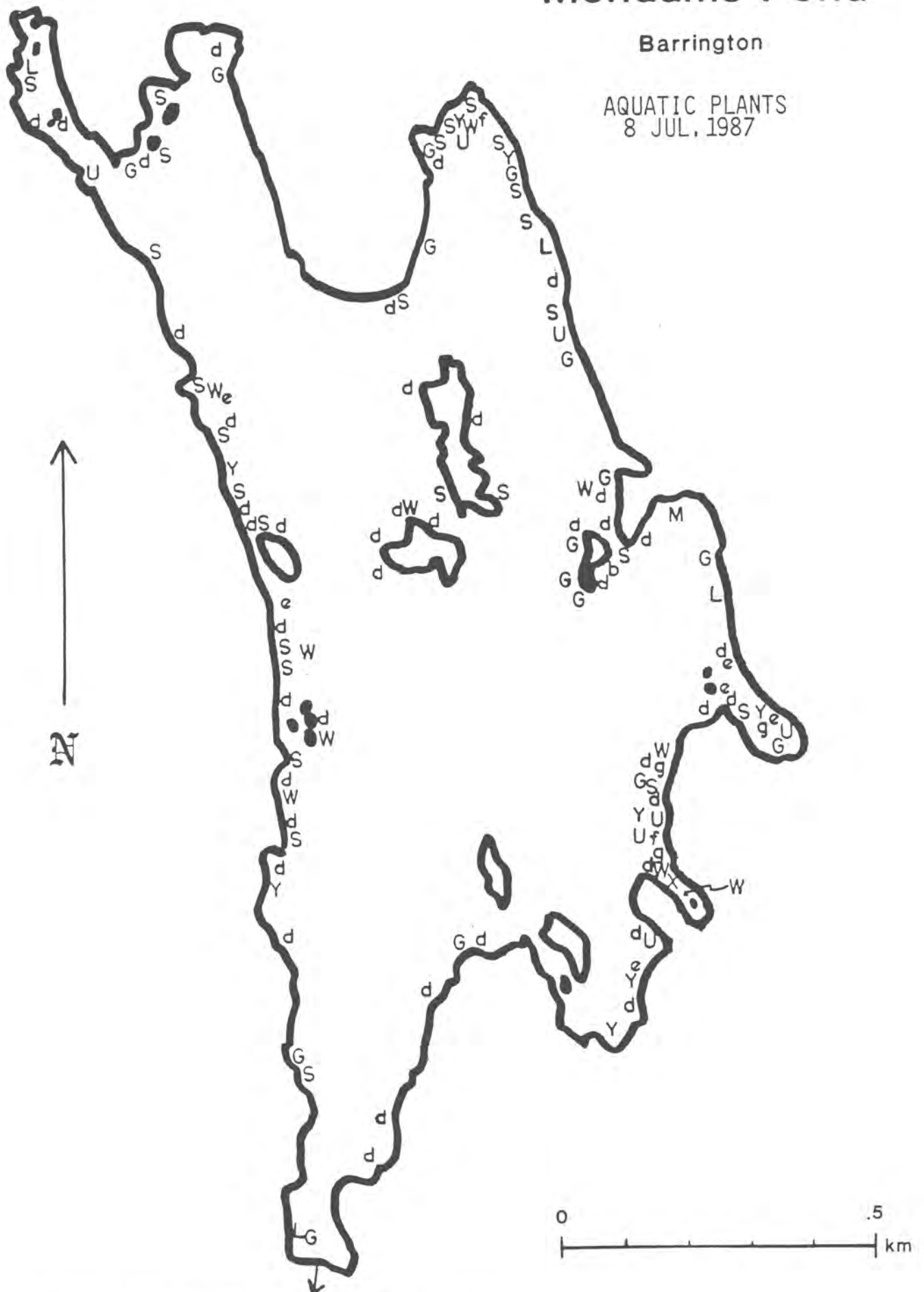


Figure VI-3 Aquatic Macrophyte Map vi-16







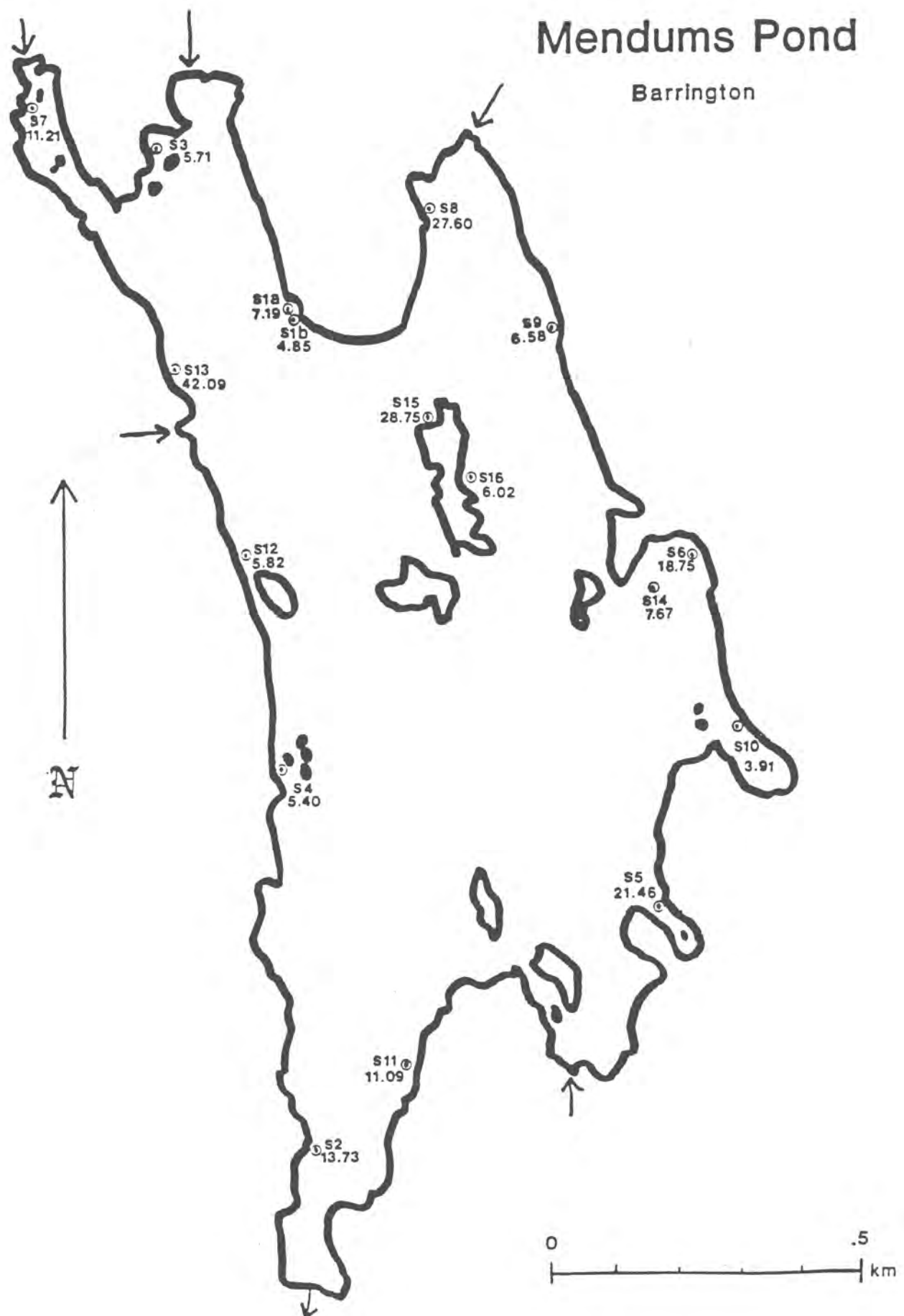


Figure VII-1 Seepage Meter Site Locations, Mean Annual Seepage Rates (L/m<sup>2</sup>/day)



# Mendums Pond

Barrington

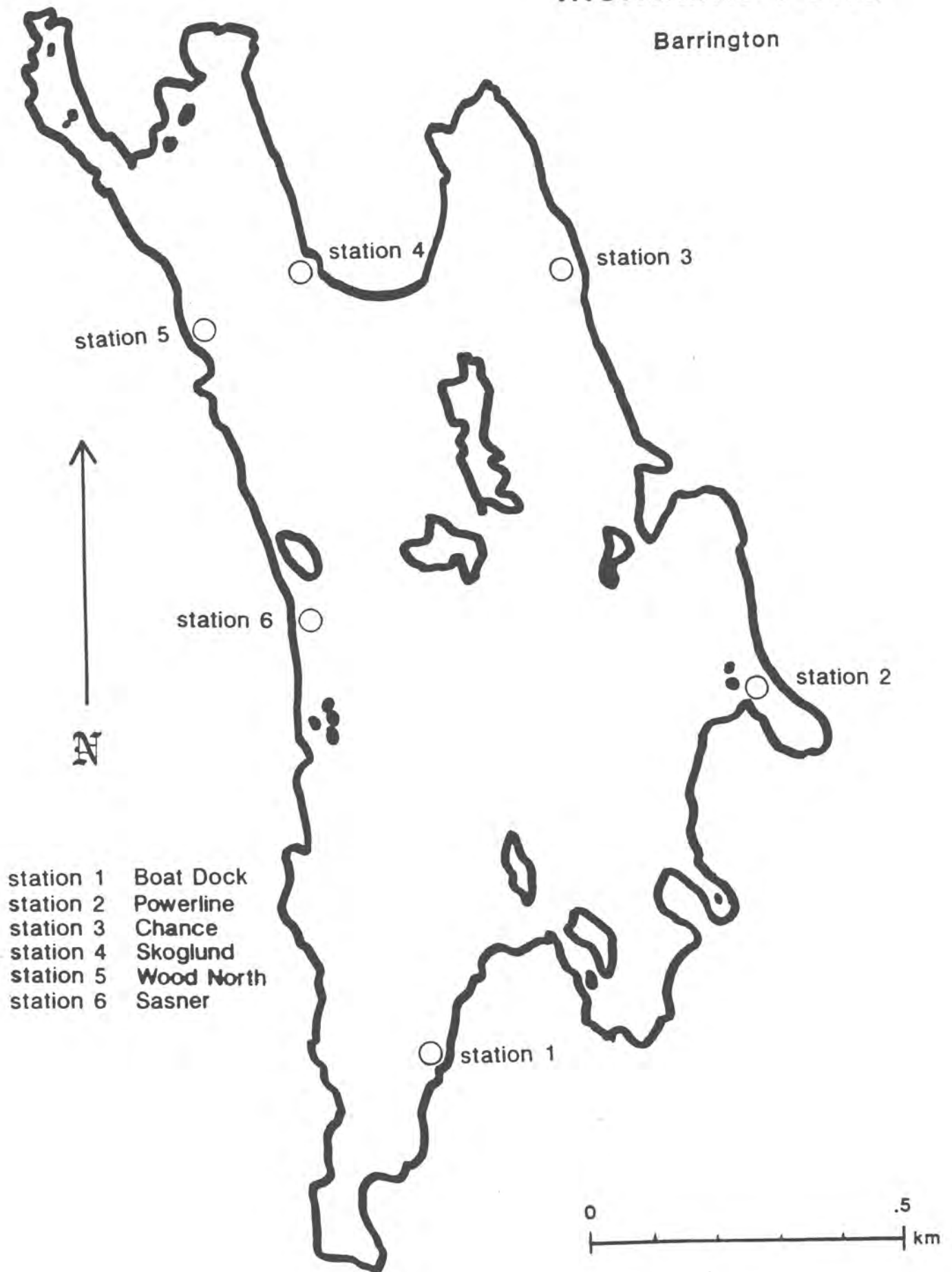


Figure VIII-2 Interstitial Porewater Sample Locations  
VIII-10



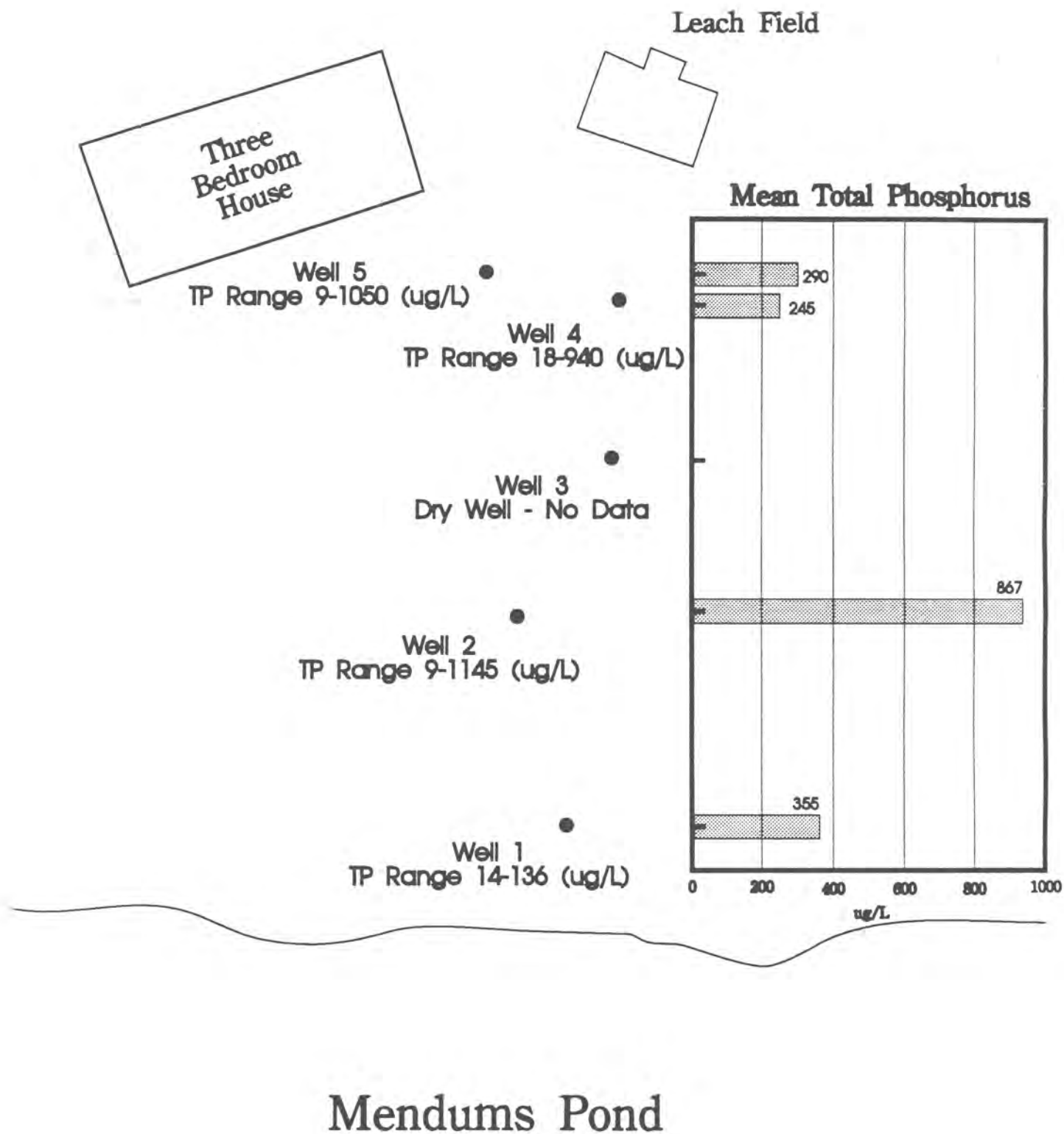


Figure VIII-3. Mendums Wells, Location and Mean Phosphorus Values.